Notebook Series -- Pocket Notebooks
Notebook, PN-13-01-04

The two dated entries in this pocket notebook are from December 1912 and January 1913. The book was used by Edison to record ideas about business matters, experiments to be tried, and other tasks to be performed. Many of the items have been crossed out. Included are notes relating to storage batteries and to battery applications such as automobile starters and miner's safety lamps. Also included are entries pertaining to improvements in the kinetophone, phonograph cabinet designs, and experiments with disc records. A series of irregularly numbered experiments, running in reverse order from 474 to 346, appears near the end of the book. The few business-related entries include notes about patents, patent applications, costs, and salaries. Also included is a two-page list of managerial and clerical staff and their salaries, which appears to be a variant version of the list at the end of PN-12-08-06.

Among the numerous Edison employees mentioned in the book are master machinist Robert A. Bachman; H. Grimes of the Disc Record Manufacturing Dept.; Sherwood T. (Sam) Moore, one of Edison's principal assistants in the development of disc records; and Carl H. Wilson, vice president and general manager of Thomas A. Edison, Inc. The flyleaf is inscribed "Final Entry April 28, 1919." The pages are unnumbered. Approximately 160 pages have been used.

PN-13-01-04
E-1710

☆2996

Final Entry
April 29 of 1919

See Mason on Cooper - has made 1000, thus strip block for 2000 not Cadenp
Do you want more 3 pag for furnished Rooms

Give Graf + Cupmeln
2 set, bound accounts
for Wednesday, I am
Mauretania they take the
accounts with them,

Wilson show at Essex Co
Club —

Take up art of volume (take up)
because no instructions
were sent with them following
Gold wrote them 2 months
ago —

See Nehr about grounds
Lathe shop not to
Repair drawing

See Dodd in re his
drawing

Send Walter Walker
Sample oct. 10th round
Conical + next oct

Moore Arrange that 8 months
be one in 8 months — with
proper numbers of [illegible]
14 months given 2 [illegible] 375
25 750

Wilson ~~Tues~~
Get first people, bookkeeper
+ employer on Sunset Pk.
+ decide how & when as
well out

See if we have square lathes
in photo work that
grams can use

Make Inquiries of
Lathes like grams wants
are in stock anywhere

New Dynamo for
plating Sub in need
Blade 6 Volts 2000 amp

way to balance lot
70 feet from the [illegible]
side of the machine

See Wood about
Little Company [illegible]
Henry Mum

Elevators want a
Bell on Wk 1'42 7/2

Grimes why do you
make wks wonder
so thin you are
Running against wals
make them thicker

Old Ky Home 2
big pan plated on

[illegible] to plate to
deliver dress

Grimes Wrong
[illegible]
[illegible]
get for girl

Take a smooth
sub master gold
it - plate Copper
then test sheet
Cop on Mears
then smoother
or second
40'000 Mark
full process
wi q all

Ford Advance the money under a contract wherein the undersigned Washington Co to put up an security for the money

We have been paying 5% interest on the money, as fast as halfyearly returns, we reduce the advances made from the 10% allowance withstood anything occurs to prevent Ford from taking the patterns we are to pay no interest from 1st [illegible]

Business Legal Opt

How about Mill

[illegible] for A record

Subsidiary 7½ oz 8/[illegible]

Mill – Capable of [illegible]

Wind [illegible]

applications –

1st fabric ready basis with non fabric Wages for description

2nd Coupon coupling discs ready to upset engaging [illegible] ready condemnation No [illegible] to deal with

3 Repairing Machine Moulds press for [illegible] Wkg Moulds Rubbing [illegible] over [illegible] opts

4 fit Cycles for transfer + printing discs according WP of the rescue

5 = Numbering on Edge

6 = What is [illegible] upon of transfer plates

7. Has given [illegible] method [illegible] all them [illegible] to make the demo

8.

Lec Wilson
Lec without have been done Kup, Buent etc about something went new Replays with Bullion G.R. — unexplained

Ford, fine work demo Electric

Jacques Wins.

The Edison Kinetophone or Speaking Pictures —

Fred will make 1/4 inch diameter Cousins mandrel —

Make holder for second no Gathering

Suggest to Bachman that our Wahl rolls are probably big for Cousins. He should use very light drum hold together with spring so as to avoid any pressure —

Bachman – List of tools
Required, Cranes and
appliances –
Silver Lake –

Wilson – Who looks after
the Rest for Mr Dept
to Know if things are
being done right + not too
Expensive –

Bachman – How would
it do to put in shapes Walls
etc to do Table, frames
in 1st story new bldg
while bldg are building
balance + Equipments
Let them go right there

Bachman Why not
try white metal in
place brass hopper

Cant Tamp be swedged
by hydraulic Cold.

Silver Lake Take up
+ make list of things
required + start it
going –

Grimes – The birds
are made by the
particles keeping Required
away from surface –
rotating – Cant flow
around square enough

Get from Gorrin old
patterns [illegible]
Wilson [illegible]
+ Cast iron new non solder
Mould – [illegible]

Mrs. Keep keeps the account of the exhibition & will turn the money. Lighting charge to me.

Harry Lindvort writes SU ~~Donations~~ stockholders special meeting is not on a special arrangement for rufe boat seen with Henry Ford. They authorize it.

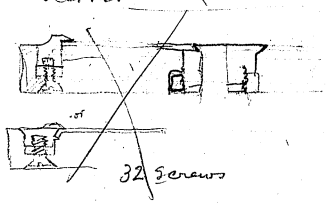
Went Regd. on Redufier & tools & tools on hand & offer in Expenses going on

Ditto Regd. for Hall House Lighting

Hilah arrange for trip Extra lantern for Kennedy Hall

See Buchanan re tools Morning Call — a Dept. Tool needs outside

Grumman — Hurry the car bring & bring the expt. where we just drove, it not necessary use double Horse

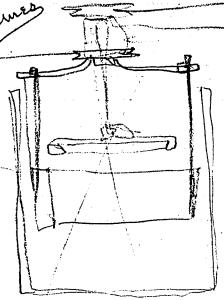


32 screws

Gremio – Movement to Cover
Wash with very powerful jet
water 1/4 dia at low angle to
wash cloth out, do this
frequently.

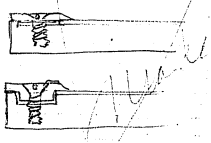
Grimes

Weakness



Grimes – Your idea of
Fumigating – after Covering in
O.K. to dislodge where dropped
get rough –

Thelpat – for internal
Varnishing – supply coats
to men –



Hatch, Arrangements are
Beechmore had on gratis

by Submarine Cell
look it up.

Wilson will recpt for designs —

Ship California Replicas

Wilson What has been done with drawing 18 3 Replicas not passed according to 3 new ones —

Dec of Pleasure Convention pic can be printed right away

Boxes 60 for Shipyard get Model to push it, holding Mallory fund Wilkinson for Highway —

Mallory — What has become of the Ornamental Concrete Schooner never heard of it,

Mason & Mallory where is that pure limestone from W Va which we getting about

Wilson - ~~he replied I~~ want to move in room with kind of Record Cyclamen was put out.

Try Tripts with Cowhair in front friend the to see what Cyclamen will be scorched. also Canvas -

Grumo get 30/wood Record by test in new hatch.

Holden - The Cows seasonal horn Cant we get fake wrinkles from books Claim that preferences

also arrangements

Grumo graftings, a submarine to fill holes up with grafts & remove an planten dead oil spots, then gold plants,

Grumo - Where is Lucy Anna Low

Tell Higham see Weather Mellen arrangement,

Dolly - Cowhair screen for Higham 3x12 - see if Cow horn felt, & get samples -

Bring up an extra plate so Can play Hock & Comel at House

Legato - Modern Opera
short sharp - Home Sweet
Home is sung Legato
~~to~~ Bel Canto soft
long notes Even

Speak to Ramanhoff
about double lamp
surrounding it with
a legend - for mines -

Ask Eggleston about
Cork pulley

get from Lehr & Oll
the Drummond Crucible
& try it scouring well
& Recrucibling -

F G A B c d e f g a b c' d' e' f' g' a' b' c'' d'' e'' f'' g'' a'' b'' c'''

Thirteenth scale

Upper main finish Angle

Company of Upper Main Ring

Small Brass Crucible

Small brass Crucible

Small Ring

Helmuth

p-729

Fred will get the Carnelians
Ulm Crystals & account on
Probes & try it on gold no
Current for 5 min Know
just Current on

Hurry & Otto on Varnish

See Wendt in Re
pag boxes & stands
for blackening metals
Blue Aluminum

Try little weak KCy &
H_2O_2 on one of those
yield spots with black
Center

Look at phone cords &
E Swamp Gas on sheets

Stevens Correspond with
Fox & get information
about Cathodes on down
& have he send weekly
report of progress and
me

See what Dodd doing
on morning

See about Dodds
Kettle,

Pieman - put in closed
ring to stop sizzle on
Telephone

Hanger Steel book of
prefed records or
let me see the book
you have

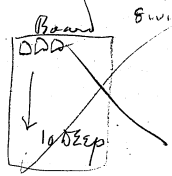
(25)

Start phone work on new [illegible]
Also about [illegible] one for Jig – [illegible]
get [illegible] face [illegible]

See floor 2 about records & shipping – [illegible] of Moore & Stark new schedule to get output –

Moore to [illegible] first [illegible] profits over 24 transfers a [illegible] for [illegible]

See what Rubber Balan gets [illegible]



Charles Memory [illegible] typed
123 242 year –

Miccolai – Hows about Philpotts [illegible] –

Tell [illegible]
123 242 [illegible] 6 month
246.484 – 1 year
$4740, 1 week

Buchman See —
about Baumgartner
for 5 Lake Street man —
for Mining Lamps

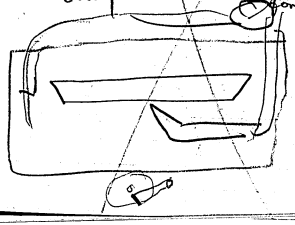
Suggest Buchman
Open 10 [illegible] see
selected houses,
on % basis to prove
merit,

Try 005 Uniks —
not very [illegible]
metal liquified up
to 6 cubic ft up —

Get Klein to get a
Chemical gas or
Solvent test for
white wax

Maxwell — We should 1st
find out who can give us
trouble in a City on film
etc then go to them —
arrange to show it —
preferably at their homes
or not on social side —
& then afterwards
take it up officially

Get test films for Mining
Meetings —
See if Mutt & Jeff pictures
been published — [illegible]

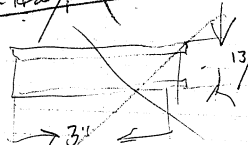


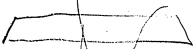
best solvent of oil paint —
that of plaster of paris or
water — or alcohol —
If animal oil — KOH 3% then
water or KOH — the
Alk or Acetone — Even weak
Ray — or even Hydr to amorphous
dobbin stones —

1/2 doz very large
rum transfer plates
for Grenoble

Hurry Report
on Nail Lend Co
Cupio

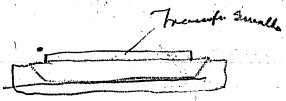
See about Cabinet
Cupri polishes machine
in Harpers Place





White Pine —
Transfer to it &
print —

days — did you get
the Discs for Degnan



Check with to get opinion of Ct Court Appeals in Moore Litter Case just decided. These judges are OK —

Interpreter

The dress of the Young Lady in Court —

New Gold plated, and smooth, — see if all dirt can be dug in Alcohol, Alcohol, Dry Acetone, Ammonia KOH, etc — & then plate

Have Hap's Young work Number Book & check up Board —

Mudd Weake 2 more Boards. Other Board & Moulds on hand Board

Wilson: What does McCoy Dilectum do his Salary — use in California —

See Legal Dept,

Isll Ernie Lost Woods
record needed when
they Come up Saw
his Name

Simplex go over to
Grimes & Lachmann
how set down needed
for Lenny Tools

Mccolan hurry up
would trick

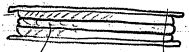
Steam Plates
Neh ordered Wm
Rebuilding Brooklyn

Would Couple windows
from Cases in Lab to
go in Sanction between
Edging Room & Phelps

Ordered 1000 7/9 Rod
- Welzel -
would-might off -

100 big Dia 9 Spoon
plates from Benson
ordered ordered Nov 17
10½ squares - Where
are they -
Luhr Work to bottom
Rhomowko

(35)



or 2
3 powder black 3 to 1
with metal backwave
with wrought steels
aside - 341 - drop
wearing

Learning only
50 10/= 5/pieces
Connection

Reece on Moulds

test 50 deg. frame
on disc

Perfect system of detecting
Bad Moulds

Hurry up New Bronze plating
system

Order Porcelain Thinner

Order Hard Rubber

& Castings which needed
ready

81

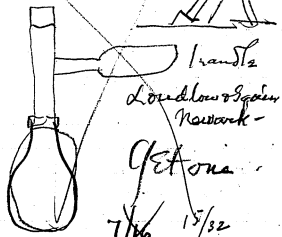
Try machining Seal Heads
to right thick than Copper
using Gravitized Porcelain

See if Type writer made
that will print

MANDALAY

Letters that big - or some other
Machine.

Patent Screw driver



Lowdlow & Spaden
Newark -

Get one.

7/16 15/32

Take up down 7a
to get margin -

Reese 1st steel Reel
McCoban Can do 2
per day - the steel
he has now only 1

Old Cabinet for Moore

Smith to bring over old
7a Book & start new
one & Enter up to date

Smith - How low have
the old Cells gone -
Holland
Be sure to save me
100 3 yr old Cells
that for A 6 have
naturally fallen
below 100 amp or
lower for rejuvenation
Expts -

Hulah - wind some likes on mandrel, white + Red
Can dye the red.
200 wanted.

J.P Thompson
41 Somerset St
Plainfield N.Y.
Brew Supt - Inlet Hose [illegible] new 45° elbow
wants 30 [illegible]

Flows 341 on [illegible]
[illegible] point [illegible]
pressure [illegible] 220

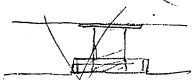
Durand, Hallam
What's his wages
should have a
raise

want
25 40 (got 60 80)
Cylinder.
Music box Heater
Concealed Horn

Tell Dally has pulley
Rubber out process as
Pulley.

Recce - Put 6 holes in
new plate to get ring
off mandrel by 3

Recce -



New
[illegible]

Patent brushes Brown & Co
Coated & back on flake
Electroplate Storage battery
see if we can then can
Lacquer for dresses.

Lubr. for plate to
press wood & round
new plate

Try colorite on plates on
new brush & coloring

Try Sulphuric on nickel
bath with brush
Same thing on nickel +
transfer to bath

See about Thum transfer
of Grumes paint it on

See about new bath
press submission transfer
hoisting it up -

Get Keller from Hoadum
about Tom E go for
Pullman Company

See Harper about new
25 US phone.

Hoisting up balance
machine tunes -

Make a Rubber Ring on
Steel to pour KOH on
mould to cut Condensers

Phulpot why not put in
blacking machine wheel
is only left for Cans
quadruplex change

~~Hutch~~ Try Expt first coating Copper, Minimum amount to Label Neither Mon Nickel twice the usual amount of other Copper

See Moore about speakers with pmo in worry of OK tell Wilson go ahead -

Michelmy Wound 7/10 the compact: 42 amp minutes -

Philpat Pictures

Hutchs - Important Expt 2 oft playing around Corner in Lab -

Wilson - Wilson wx are all at colmgnat lake up Kinetophone in Mexico Commander, tables please

Walter Note good piano in 922-1 - Dr. Barry why Cant all pianos be as good as this - No blasting + great voice loud + good recording

Powriz job so far Cost. $4.000 - ? Dec 24 1912

Look up books where
made shellac with chemicals
that were like head at
ordinary temperature
flow over submarine &
press Cold for submarine
& gelt plate

Look up the Operas
I had played by
(Mr. Kennedy for
Violin & the order)
[illegible]

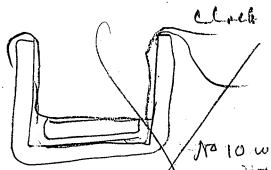
Dolly [illegible]
Shellac [illegible] Varnish
Same [illegible]
341 Varnish & [illegible]
on hand for [illegible] &
Trap.

When Kennedy off return
get tenory from Hulch &
have him make Trip —
turn over models to
Bachman goes 3 weeks
then returns to Cuban head
of Chemi Lake —

Note of Operas played to me on Piano
+ Violin — Make pat power
for Violin Cello & Harp —
of them —

Wilson — We must make good
on 440 Cabinet at Worcester
bulb spread out — also
make no more [illegible]
long Clockwork —

Wilson send up a have
Oil tubes put on all
these clockwork



No 10 wire
required for 24 amp

bend to hold plate
down —

Det = drop 341 transfer
& paint with
+ Rough &
paint on floor
Mould for match

Holden = We to pay 1/2
of microfarm Experiments
Little Baketela —
Flour

Mason only 1 Car
Cause CP Limitations —
Want 2 Gallon round
3 more

Wilson + Hoop about
Cars who pays who
has charge —

Wilson - About getting a
man like Thompson "
Storage Bat to travel
Continuously among the
Pic houses + make himself
agreeable —

Take out some patents on small green truck
Lehr Motor patents.

Wilson - why cant we arrange with Murdock to get him now & break them ourselves, we pay 1/3 & they 2/3 Wages he worked more good men — see company he pays opens —

Durand Cant you work up a trade in Boy phones Motors in Supply houses - for all kinds purposes high list & Equip —

Grimes or Moore use map champ moulds as fast as they come in - headed 600 lbs

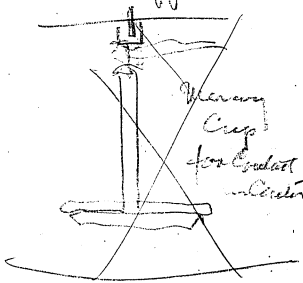
After Jany 1st pay Fred off for two years time same rate as day

Bonar - Kulhalen Monroman

Buchman Watson to work the new machine Line display etc ready —

5 more Rubber map for RDH for Moore —

Wilson —
Night Inspector
Philport dept —
under office —



Wherever
Cigs
for Contact —
under Circuit.

Harry Miller
Cut Wilson off Billing
Pay Roll

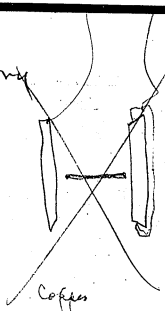
Stevens —
How about Wayne on
Amelioration gadgetry
New disc also Records
is it advisable —
View of Blue Channel

Put one man on taking out
Victor type of patents on
Kinetophone

Get ready for a practically good
Small Machine for projecting
Bonnie films for 5c theaters
when Smith goes against it —

See that man in legal
dept about Victor
pats he started on

Try

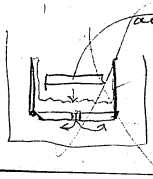


also long wire so anode 2 ft away

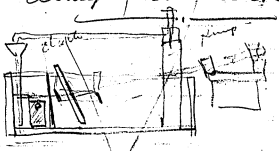
after 12 hours take out & use Ranately much of Grass slops Roughness

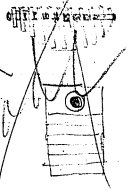
hours cell - plate Cu just enough to cover then Nickel till it peels also alone (12) Ni on Ni to see if Cu holds no [illegible] peeling - Pel wire around Edges so easily peel -

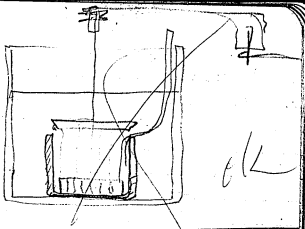
hours Elle fill up Cibles so I can use little Ni disc the Cu sol & fresh for [illegible] disposing most use Cirles



Horse Volt Reg Motor
Silver Comp (13,3 Ohms)
Silver Comp brushes on
steel body —
Armature on Centers,







Dally - fund unable
permanent [illegible]
Clean [illegible]
Receive [illegible]
wound [illegible] —

Wd look see about
Sunday [illegible]
Valve [illegible] was on
[illegible]

Wilson - take up wfx of No 1 & very soft. Reproductions

Grain 24 hours
Brush balance
re Reg solution
Jar 1

Harper/ change clamp from ~~Wilson~~ ~~Mund~~ ~~Bay~~ clamp

Harper - Huxley
delivery of 2000
150 clamps with
new design in
white to OK

Try Benzol for solvent
for Lice or Roaches

Melt some 250f -

Fix Rumbling in
New Stock -

Patent.

Several letters over
large area

also in padded stage

(patent) [illegible]

Patent Light for
synchronizing
Patent Amplifying
" Storage circuits
Connors —
ditto, airplane
Combu —
Apply to data & patent
Patent use of telephone
for electrical —

Patent two lumen tube
release cam so mouth
piece fast from pic. Mts
or phone fork work
let it go [illegible] &
[illegible] bottle goes
in a cement

Pay of every accord
for Andrada
& Sergeantine
also new Records for House of M Tues

Wilson — Send man to
go over which factory
to watch leaks &
suggest savings —

Buchman — New Elec
Equipment for Extension

Vermuelen — die winter
perspiration —

Wilson — Wade Tatsuoff
without notifying [illegible]
& [illegible] Killed

4 men on
Grand Blvd —
(61)

Wilson - Weather report
on Philippot & Wilson
dept possibly lose
100 sks qul hours by
huge pressure Lake
Philippot Company 150
HP steam by bee pressure

Expt 1st permit on time on
submission, Sandbo sks
then permit the time upon
recent theory - saving of
defects, Company out for
1st permit.

Stevens - Collect at
once Copies of the
MS reports & Mand
Cuts & also papers
to jury & Andrews
3 appeal from at
Bullock & Chinowith
Cromwell

Hotel How report
Charles on the Hudson &
Buck -

Tell Nicolas to tell Reno
not to be pressed in his about
not 5/1000 in Nicolas

Wilson - Adventurity of
Expending 25% in profits of
Big Shoe in get a dividend
Calumpaugh

Try fallow

Jany 4 1913

1 Thin Cylinder Celluloid with transfer upon

ditto over negative powder blank — 1

ditto Ivory Celluloid which is much warped

2 = Gummed Transfer press ~~[illegible]~~ Unscaled blank on it — then print the proper record on it

3" Special Run of an oven & Carry backing of Transfer Varnish To equal. 125 ~~[illegible]~~ Steam pressure 12 hours run — then transfer & print

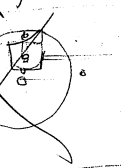
4 Write pat for several telephones around an oven & Talking pechine —

5 = Remember to see about Arkansas wells — buy on Bailey water —

6 = Get Best Opera Bulb strings to Hoeffer —

7 = Try again Rott on surface of a No 1 var & 341 v blank to see if unequal

8 Grain to gold plate white Theater & cover with Cu 20 min then try new Spks 2½ oz Cat



Moors - bring up 2 or 3 transfer varnish plates to 100 lbs steam heat for 10 min see what they do

Wilson — the jews will probably not make arrangements with Allen Syndicate, don't promise we can get money from them or not money by Saturday. Can't rush the matter and don't if we not rushed. Must pay Edna.

Get a Copy of Theatre Pulaski Funeral to look at & the with Meade or it —

Wilson stealing films & Lamps —

Patent new moved handed with a method Lead plug + preserving

Patent new plating in Connection with Inkwell offends Claim it for all kind plating only ~~+ Patent~~ 1/2 cent 1/2 in or the handle + wipes — the fence + cloth dirt + Connection following + claimed so poor disc but not mentioned —

Patent disc 1st gratified or then gold plated then covered with Copper, just covered then Nickel 1/2 was then a little Cu then 1/2 Ni several times — then in cleaning the Cu wipes off + leaves Nickel Ni — not Cu just off by KCy

Hurry up big transfer plates! wants 80
More made 250

Wilson
Amberola Cylinder
Grand Amberola demo

Reiss - on Vic Tenor
I played him pk —
Listen —

Bridge
Dee left it

Patent the room
padded for noise,

Make mixt of 50% Cu OH &
50 Ni OH)2 dry & grind
very fine, reduce in H.
~~Cu mixt and dissolve~~
Put Cu then press plate on
record,

Wilson tory about
Vernunft - Water Engs

60% Silver 40% Lampblack
mixed, Reduced H, &
pressed below 600 Gallon

Wilson Dont forget
public Comm
power

Cell Big Phono
Edison Dictator
Victor — Teledictor
Phonodictor
Cell Disc Phono
Phenola Crown
Phonograph of Music
Graphophone
Carbodictor, Stentor Loudspeaker
Dictola / Stephoscope
See word Dict

Grimes [illegible]
[illegible]
Connected so it plays from
[illegible] as well —

Orchestrola
Aeolian
Delineator

Harmonola
Melodophone
~~Apo~~ Apollino — Greek
Contains the [illegible] of
several musical instruments
Concerto
Concertola, Concerto,
Concertolo,
Cantate — Cantatola
Antiphone
Bandolo
Cremonola
Belcantto Belcantola
Cantola
Cantor Canto
Cantronette
Chantor Grand Chantor
Choraleon
Concertino
Componanza
Dolciana (Self Sound)
Echo

Grum – How do you take off Knobs on plated Stand

Lewis Oil – Rig up a jar for Gum plating or another (? reducer) to copper want acc of Can get rid of Submersion

Thus exposed for Umbrella to Cu – plate No 120 amp minutes then Cu acc of Acetate strip

Potent Dye Chemicals by Lubri & Co gal in part of dyes & intermediates for Represent

also by Mutual & Bombay formulating of Represent – (12) stuff Enough to prepare yellow

Bachman Grum Lead Coils

Grum Liquid Electrum & Dynamo room Wrillon Jan never Turned up

Moss put 2 Vic Red well together & print at 5 lbs pressure

Varnish painting over a submarine Clerk 20/1000 print Cold & gold plate

Make some Tri-nitro Varnish with 1/2 Pint of 344 + 1/2 Gum Kauri & Rum Cold Double Boiling

GREAT

Wood oil polymerizes at 250 C
to hard elastic material, make
some transfers on rum plates
polymerize & then try
transferring — it does it in
10 min — perhaps would do it
lower temp if given time.
Costs 7½ to 8c lb
could probably mix resins,
Perilla oil also polymerizes

See if they are coking
Ford Stanley Company

Low Ott make a plate
proof metallic paint
Wood Conducts
Having 1/8" Crystal hard
try it on portable wax
& plate Gop on it

Sonata Sonatola
Harmonola
Imperator Imperatola
Imperaxo
Legatola
Cantophone
Liederphone Symphonola
Lyrophone
Lyrograph
Maestrola Tondola
Mignon
Musicola Virtuoso
Pandola
Orchestrin
Sonola
Sonophone
Troubadour

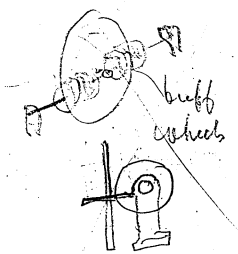
Yours has no Chances
Wood oil Rejected
3 gal bottles Dumbros
G Gillespie Hoos NY
E Hills Fonda NY

G W Sullivan Co
NY

C201

Fred Atl, Buff on [illegible]
brush with Rouge
a [illegible] to
the [illegible] tool
[illegible]

Fred
go down to Engine
Dept work by
Conical rough Rounds



Give up the grafting Blocks
& get no Lumps — then
gold plate —
Use instead of brush
Sealskin or other very fine
short hair skin —

Gems Nitrate Sub
months after 2
Burnd Records

Atl found high mp
sofenum which is sealed
also very vicious Compound
No [illegible] Lumps
Non Valuable to
Mr [illegible] 344 or 305 Varnish

Put gold plated art metal in 10% H2SO4 distilled water & gold with Hydrogen then transfer to Ru SO4 bath & Coat —

Press a mix of fine graphite & platinum in ~~[illegible]~~ powder or Crucible & place in furnace Heat & photo —

Open test to crack Unknowns —

Auto magnetic stop to open circ when closes plating / ~~[illegible]~~ (10 Sec)

Get some pure amorphous graphite — see how pure of impurities prepare it for Dues

Durand a traveller to introduce rectifier in addition to advertising advisability of 2% on influenced sales all the standard mfrs —

Center Finish for new Unwind machine

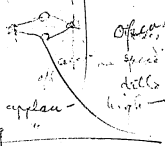
BISMUTH NI (OH) 2 / 1 for

MINERS Lamp —

Test a Bi Ni lamp against a [illegible] lamp

[illegible] unbearable [illegible] in [illegible] low [illegible] cream background —

Dec of Legal Dept has the



In switch applau —
Standing "

Denap man — Bundle
Keep lef [illegible]
Sep [illegible]
200 Worn Odors
#8 Day —

Order 3 more dress
Uncorrosive

New Formula

5 & 10% Gilsonite
5 & 10 Indian asphalt
5 & 10 Cornauba
5 & 10 Rosolic acid
5 & 10 Damar
5 & 10 Mastic
(powdered)

Paradite, Sterne Pitch,
Engand Resin — Paramel

[illegible] and Wax [illegible]

Continued

For new Varnish Expt

Dehydrated Agrolin
See if Zinc chloride Copper sol in alcohol —

Look at Dehydrated Chemicals
~~New Compounds~~ — select
1/2 of Dep. MP.

Boric acid Sol 15 alcohol hydrated
Succinic
Tartaric
Glycerides of methyl, lead Zinc Al, Cu Mg
Resinates " " " "

Get a German transfer
pilate & decalcon the
Varnish (Pt 4
Precipitate by HCl —
see if it precipitates
Condensed —

Halide Derivs on small
film boric Sol (cold and
get off go down & see
how they dry generally —

Try solubility of 6/4 Compound
with an acid

Try 344 with 9/10 8/10 7/10
6/10 1/2 4/10 3/10 2/10 of
the 6/4 ~~mainly used~~.

Try Triosymethylene Urea
has a ring its the Oxide
May combine to form 6/4
Condensation to other aldehyde
organics + inorganics

Try 344 with 2 5 10 +
20% water —

Paraformaldehyde dissolves in lime or Baryta water — Evidently it will go into Alkali-Acetate —

Trioformaldehyde [illegible] Resin

Methylene acetate gives with acids when heated formaldehyde —

do [illegible] Methylal — Later gives probably the Resin will be strong hydrochloric test

Methylene acetate forms with Phenol a Resin —

Wood @ Change transfer
Schedule 12 transfer
hold heat & pressure
10% 20 50 & 100%
longer — [illegible] or raw
onto or a second.

Hoffman 34 & mixed
twice as long & followed
then 3 hours —

Double [illegible]
38 oz [illegible] time —
also 45 [illegible] —
[illegible] 50 [illegible]

Wood pulp

Quorum with 15
men out [illegible] 20 for
reports

Moore, quorum after
2 girls, to rough tool or
die goes over only reports

Chrysanen-powder a
coal asphalt like
Subsiquin on 10% NaOH
& Extract & precip to
get contained acids
are colored they are like
see of Contained Cal Alo

Lithium Chl dis
in alcohol

Dry aniline Red.

Dehydrate Lime melted

Dry slaked Lime in Resins
to harden + raise
softening point

Anthraquinone

Negrosin, alcohol

[illegible]

Dry Benzaldehyde [illegible]
[illegible]

[illegible]

Sulphanilic MP 213
Carbazole 235
Cu of Sulfate —
Dichlorophenols Sulfate MP 125°
[illegible]

Carbanilide MP 235 C
Chemicals
Dry Hydrogenation
Carbons

Hair — Method to Clean
Edges Especially of
Drawings [illegible]
[illegible] to Moulds

Turnstied goldschlag's Reign
Numbering

Chipout wrapped hole
decands — Dolgas

See abt Phulpots 6lbs acrons
away —

Phenol — Nitrobenzol
Lactic Lepidine acids &
& Cresol [illegible]
quinoline
[illegible]

goldschlag — Grey
Oxalic + Hasson on
Cresol to make a
Rosolic acid,

See about filling a
line from Storage Cellar
to Stamping room for
accidents — Nehr

McCadden – Back graphite
with Clear Sulphuric
it on surface for Design

Mauch – Diphosg, Lewisite
are Acetaldehyde Carbolic rate
worth cost as sub for 6/4
but at most

Tungsten Resolved by
speed in Impact Trey

Trillium & mercaptan
try alone instead 6/4
also with other things
using it as 5/1 –

Fundenbaum that could
Liberate Sulphur in
Transfer Vessels –

Smith – Only do you
let Reg 7 = phil go down
at 1600 without Callen
my attention to this

Nelson – Same up +
accept diamond holder

Lecture up – will
Vandale double
dining 6 up
mining Explosives

C9.1

~~200 cc of sol of Mitrate Ag put in 200 cc glucose 200 10% KOH add KOH till clear.~~

~~take Nozid~~

~~See Dodd get formula of black wax & see if can't get it so that affected by moisture~~

~~Try experiment to get rid of soaps both in black & white wax as they cause moisture spots~~

~~Try 40% formaldehyde in water with zinc - or Ammon hydrochlorid.~~

~~Get some of wax Moore uses for wax sulphuration test against and Experiment at Myers Co. Equal it.~~

~~Why not hydrant steam from Shedpiel & discharge into heating system~~

Supply Consul –

Gen Chief Engr Warren
Hospital – also International
Bureau Engr General

Try Reg Penta Kurnmsh
5% cut of Var, Lampblack
fine graphite – Cont & shoulder
Dry Chang –

Kurnmsh off – Cont Pat
twice no sleep
pull out [illegible] platform
Double purifiers, Use to from
Ins Ni in addition,
Iron plant seperate, 10
fwn ace, + Bell for slag or dropping
150 ft away

Fwd Contracting Engineer
for acct Tower Silver Lake

Gen Chem – opts of
Research Corpn 63 Wall
acct of Cornell Corpn by
Elec

Blackmsh about Hatch
10% running battery –

Get a small paddle mixer
Exp seals + mix with Edison
Water [illegible] – Various
powders + cost, use a blacking
out – Lampblack, dried
Clay, Sr Carbonate Ppt Chalk
Amorphous Graphite
& Cost on Fresnel

Job under micro
Make good mixes
Cost 2 Bra discs at end

test all the deposits get a good black for 10 oz sub-m including Rosolio Olivine & Cocoa

Send for some high grade Ceylon graphite

Try Lowest temp Reg wax & my latest mill pour practically - Keeping mould same for few days Waller & Experiment further Meers

Client reading No 243 Reader,

~~14 Jeffman - 5/ Dechamilde 10/6 per couple 20~~

~~5 10 15 20~~

~~Dechamilde~~

~~Ditto 5/6 Dechamilde 5 10 15 20 s/s Lemon black -~~

~~Try dissolving Gutta P in very v. little solvent pour over metal & press & do warm~~

~~also powdered amorp graphite with slight amount of mineral Cerium - or solvent also dry - bills fine grey - prices~~

~~3 more Meers discs~~

Bushman
would you help
us out 3 Sundays
30 AP —

Wilson Salt Lake
Letter Card Photography
Bad impression —

Wood — 8 Tin form
plaster casting wanted

Lay old wax removed
on mould + heat up
till surface melted

pour 1/2 of wax in
put on a cold cloth
then 1/2 —

Tin or Copper bath shape
it from long wooden + bottle
makes it smooth —

Graphite wrapped will
stop it sticking to
mould

Moulding Compo for
Electrotypes
85% Redway yellow stearine
10% Crude Virgin
Turpentine 5% graphite
5% Burgundy pitch melted
in warm water to
keep it from getting too
soft —

Hydrochloric acid, Urea dissolves [illegible] add to the paper, & dont make it boiling or burning

Sp. Simplicissimum [illegible] 7th [illegible] Sept 1875

A Cut-out gives brighter + more reliable deposit when moistened with Nitric acid

K, Cyanide of Pot gives the purest deposit of Cop. if will dissolve it dont attack iron tray I am grateful very Lord Oli

Try for [illegible] on the [illegible] Prussiate with ammonia

Its these moulds that probably absorb the record + the extraction prof will stop it —

Tried Oil to put double Rubber, damper, Comb on 2 or 3 baths, to see if it improves, gracious Submersion —

Fall [illegible] about Culling due to something on surface of moulds possibly Oil on plates or dust which keeps with the Condensate or it top wrong to stand the pressure —

Try Reg Vars in Chem Room with lots paraphernalia

Shadow on GO, lots see if goes up in darkness & take in tray Chem [illegible]

Edgar Elec 58 Sofi - failure to
get get Russian Battery -
dont answer Correspdce or
give any information -
Longest cheerio Russian
Government -

Try in Kampel all the
Organics Facts of
Carbon or Hydrocarbons
Heals Oil in Electrical

Hoffman - Dry Acetanilid
+ the others given with
20% more 6/4 in Trich

Try Chloride of Aniline

Try Copper + other
plates instead of Silver

Measurements to get daily
Reports of production
+ diseases -
Plates Transfer
Moulds
Moulds Copy -
Records Diseases -
More print room claim
+ More to Stock -

Drafting room to trace
clean paper + put on
drawings

474 12 doz 8 OK 4 Diseases
1 didnt flow smooth, 1 cracked
2 peeled, leaks good, free
release good performance
Transfer 8 OK 4 Diseases (1 cracked)
Plates OK
Oven looks very good
11111 OK can get them anyone Dry OK
Not quite as good as 475 but nearly very usual

Grafoko

476 - 12 Discs 8 OK 4 Discards
(peeled) 10 Oks good - fine surface
4 Quick (discards) dark
Green Color = Transfers
6 OK 1 2nd small crack
5 discards ~~[illegible]~~ pull outs -
~~[illegible]~~ - look good - few
Plates - few ~~[illegible]~~ on all
24 - 5 Rejects 4 OK Velvet
1 very slight Run out!

---

475 12 Discs 8 OK 4 Discards
1 peeled, 3 Vac pick ups Oks fair
Cracks steady free release
Dark green color
Transfer - 7 OK 5 Discards
Oven looks very good
Plates all OK —
IIII OK faint haze any surface
1 just haze faintly a surface

Finest Yet.
2 Subsequent Discs. each
pound cut some

455 - 12 Discs 9 OK
1 2nd (air up pick) 2 Discards
~~[illegible]~~ Cracked
Oks good good surface
Smoky Coaling free release
Transfer OK 9 2nd 1 (air bub)
Discards 2 Cracked
Oven fair - few 6 Cracks
Plates some bubbling on all 24
Discards 6 Cracked —
IIIII OK Velvet very fine surface
All tricks - Alkali

---

477 - 12 Discs 5 OK 3 2nds
Cracked 4 Discards, peeled & Cracked
Works poor, Cracks & easy - Transfer
seems thin - OK 6, 2nd 2 left pull outs
Discards Cracked 4
Oven looks very good
Plates = few bubbles on all 24
fairly smooth only
Peeled 1 Record, Hard RO
~~IIII OK velvet~~ Not Tested
~~1 very [illegible]~~

C1057

459 – 8 Discs 4 OK 1 2nd air spot
3 Discards 1 peeled & cracked
free release looks good
Var cracks show slowly
for few hours
Not tested

458 – 11 Discs 8 OK Discards,
3 – (Cracks) looks good face
surface – free release
Surface cracks slightly –
Transfer 7 OK 1 2nd very small
Crack Discards 3 pull outs.
Oven looks fair 2 air blisters
plates – very few small bubbles
Dis 6 – cracked –
IIIII OK velvet Very good

457 – 12 – OK 5 2nd 1 (Cracks)
Discards 6 – 2 cracked 3 peeled
1 pick up looks good free release
Quick Cooling Transfer 3 OK
7 Discards Cracked 2 nd 2
air bubbles Not tested

468 – 12 1 OK 2 2nd
9 Discards (5 peeled 3 cracked)
Works very poor slight plate
Transfer 3 OK – 9 Discards
Oven looks very good,
Oven some bubbles – all 24
Not tested –

460 – 12 Discs 9 OK 1 2nd Cracked
1 Discard – Var had some few
air spots & light spider web
Cracks – looks very good
air spots show faintly
free release – Transfer OK 4
Blistered 4 Discard 3 Cracked
Ovens bad air blisters
near edge –
plates B&S with bubbles
24 put thru press Discards
6 – bubbles
III Run out slight.
1 OK

470 - 12 Disc OK 3 2nds 3 (2 cracked 1 pick up)
6 Discards (peeled, Cracked - Wolco)
Wky very poor, poor flowing
Sticks to plates. Thick uneaky surface.
Transfer OK 3. Discards 9
Oven looks very good
21 plates cracked & bubbled
9 plates not cracked
Not sealed

469 - 12 - 3 OK 5 2nds (2 cracked 2 cracks 1 curl up at)
Discards 4 Cracked Wky poor
Stix to plate, Cracks easily and dirty
Transfer 3 OK 2nds 3 pull ends.
Discards 6 - Oven looks very good Plates few bubbles on all
24 - Not sealed -

469 -

473 - 12 Disc 7 OK 2 2nds
3 Discards (2 peeled 1 cracked)
Wky good flows well free release
IIII OK - Velvet very fine -
Transfer OK 4 - 2 2nds
Cracked - Discards 6 -
Oven - looks very good
Plates OK -

471 - 12 Discs 10 OK 1 2nd (new spot)
1 Discard (small bubble) -
Works very good - 3 stuck to plate forced off but OK -
Transfer OK 10 Discards 2
Cracked Oven - looks very good Plates 24 OK
5 Records
III OK very velvet
1 Very slight RO on about velvet after - dust
1 Run out -

485	Chrysoidine	2.5%	Sol
486	Gum Dammar	3%	80% Sol.
487	"	8%	63% Sol
488	"	12	53% Sol
489	Salicylic acid	3%	
490	Salicylic "	8%	
491	"	12%	
492	Phthalic acid	3%	
493	"	8%	
494	"	12%	
495		2%	
496	Anilme oil	4%	
497	"	6%	
498	Acetanilid	3%	1/5th more
499	"	5%	
500	"	8%	
501	"	12%	6/4 than Reg
502	Acid Green GCX	3%	83% Sol
503	"	8%	12.6 "
504	Alkali Blue BR	3%	
505	"	8%	

452 – 12 Dscs 2nds
4 OK 2 2nds 6 Discards
not tested NG

451 – 12 Dscs
6 OK 2 2nds 4 Discards
NG not tested

467 12 Dscs 3 OK 9 Discards
wh very poor 5 stuck to plate – 1 [illegible] peeled off –
not tested

466 12 Dscs 4 OK 8 Discards
5 Var peeled 2 Cracked
This var looks good although 5 plates stuck due to
Local Operator in Transformer
[illegible]
5 stuck to plate – all forced
4 [illegible]
not tested

444 – 12 Trans 9 OK 2 2nds 1 Cracked
1 Discard (cracked)
Wh's good 1 stuck to plate
discarded
Oven – very good –
Transfer OK 6 2nds 1 cracked
1 scratch 4 Discards –

111 OK valves
1 very slight rimmed
1 OK faulty velvet.

448 – 12 Dscs OK 5 –
1 2nd – 6 discards
NG – not tested

449 – 12 Dscs 4 OK
3 2nds – 5 Discards
NG not tested

450 – 12 Dscs 6 OK
1 2nd – 5 Discards
NG not tested

446 — 12 Trans 8 OK 4 Discards
3 Crack 1 air bubble —
Wks good and some air pockets
but show very little after
Ironing — price release

Transfer Blanks OK 6
Discards 4 — air blanks
reused on Transf — 1 2nd
1 pull out OVEN — looks good
Plates small air bubbles in
all 24 plates — price discards
5 Cracked bubbles 1 —
4 OK very velvet Real surface evenness
1 slight run out — little cutting

447 — 12 Trans 8 OK 2 2nd — air spots
2 Discards, Var cracked some bubbles
looks well — some air spots
price release
Transfer blanks 4 OK
Discards 5 Cracked
3 bubbles Oven looks
fair few air blanks
1 Run out. 1 OK not velvet
2 OK fairly velvet

445 12 Transfer
8 OK 1 2nd (air bubbles)
Discards 3 - (2 var cracked
1 air bubble — good release
some air pockets but some
show after ironing
Transfer blanks 8 OK
3 Discards Cracked
1 2nd small Crack
OVEN — looks very good
Plates — very small bubbles
on all 24 plates
1 OK
VI OK velvet
1 moderate Run out

440 – 12 Trans 10 OK 1 2nd –
1 Discard, Cracked surface
Wks very good Excellent appearance
free release. You had a number
of air bubbles throughout
generally –
Transfer 11 OK air bubbles
Discards cracked 3 –
1 RO – cuts where finger marks
1 OK velvet
11 RO Dull Cut
1 Slight RO –

433 – 12 Trans
4 OK 1 2nd Cracked
7 Discards (2 cracked 5 peeled)
5 slightly [illegible] forced off –
all discards –
Not Cleaned

437 – 12 Trans 8 OK 1 2nd Cracked
3 Discards – (1 check 1 peel 1 air spot)
free release wks good
plates, load with bubbles
Discards bubbles 6 –
Transfer Covered with air bubbles
6 – Discards air bubbles – pull outs 6
5 Records 1 Slight RO surf cuts
1 " Velvet "
2 OK velvet dull cut
1 OK Cut bubble –
Think all discs dull cut – this
makes 1/2 dull 1/2 Condensate
+ the most striking Example to
stand pressure –

439 - 12 Trans 11 OK 1 Discard
Van peels - Excellent Peels
good. fine black surface free
Sides good - A 1 -
5 Rec 3 Slight Fuzzout not velvet
2 OK - fairly velvet.
Transfer all peels (OK)
1 Fairly Sound 5 Cracked
Plates 5 Discards bubbles

442 - 12 Trans 7 OK 2 2nd Cracks
3 Discard Cracked or peeled around
Edge - Like fairly well except for
Cracks -
Transfer OK 2 Discards 10 Cracks
2 Records OK Velvet

414 - Van all Crumpled up
No

388 all Cracked on plates
No

438 - 12 Trans
9 OK 1 2nd Light Crack
2 Discards (Crack & peeled)
Wales Very good free sides
Transfer blanks
OK 8 - 2nd 1 smallest
Discards 3 Cracked
Plates Bags are bubbles -
Discard bubbles 5
Oven fair good -
5 Records 3 faint fuzzout Crackly
1 Very faint Fuzzout Velvet
1 Fuzz Out -

434 – plates all varnish
Cracked up 100 pieces
NG

417 – plates varnish
all cracked up
NG

430 Varnish dull & Cracked
up
NG

435 – all Cracked up
position temp wrong
in oven he moulding it
Crystal, all Tom NG very funny

430 Varnish plates all
Cracked up
NG

429 – 12 Trans
OK 3 2nds 1 Discards
8 –
NG

432 12 Trans
6 OK 6 Discards
Varnish dont flow smooth
1 Cracked 3 Varn peeled off
pressure was uneven under
Gain –
NG

436 – 12 Trans
10 OK 2 2nds no discard
Looks fine good surface free
release – few ones spots
Transfer 6 OK 2 2nds small chipped
spots 3 Discards pull outs
3
Oven looks very good 1 RD just
111 OK 1 Small RD

Velvet surface

(121)

421 — 24 plates 12 Trans
9 OK 2nds 2 Van Crack
1 Discard "
looks well — surface slightly
smoky free release #1
3 OK — central 1 [illegible]
very black [illegible] surface

408 24 plates 12 Trans OK 3
2nds 1 — Discards 8 — 6 pick
ups 1 Van 2 Van peeled off
Dedut test NG

406 24 plates 12 Trans
OK 8 2nds 1 Discards 5
1 peeled 1 dirt 1 Check
free release —
Transfer black 7 OK 1
Discards 4 Cracked 1
5 Records 1 OK 4 very
slight film not good surfaces
very [illegible] —

427 — 24 plates 12 Trans
OK 6 2nds 1 Discards 5
pick ups —
Transfer 30K 2 2nds
7 Discards —
No test ng

409 — 24 plates 12 Trans
OK 7 2nds 1 Discards 4
1 Van peeled 1 Check 2 pick ups
Transfer OK 3 Discards 7
2nds 2 — full outs
NG — No test

408 — 12 Trans
30K 1 2nd 8 Discards
NG Dedut test

442 Fuchsine base 10% real
443 Bromo J
444 " 4A +
445 Auramine O O13 Conc +
446 Acid Violet 4BNS Conc 65% Sol +
447 Violet Base 70% Sol +
448 Methyl Violet 6B 68% +
449 Violet 6B Crystal +
450 Victoria Blue Base 29% +
451 Brilliant Blue B 68% +
452 Methyl Blue 3B 3% +
453 Alkali Blue 66%
454 Victoria Blue B 68%
455 Alkali Blue 6B 46%
456 Malachite 46%
457 Green M 80%
458 Acid Green G CX 85%
459 Acid Green BB 85%
460 Green Base Nov 85%
461 5% Phe Chloride 91%
462 10% "
463 25% "
464 50% "

465 Acetamide 8% —
466 " 12%
467 " 3%
468 Alpha Naphthol 3%
469 " 8%
470 " 12%
471 Parahydroxybenzoic 3%
472 " 8% 11%
473 Parachlorometa 3%
474 " 8%
475 " 12%
476 Amorphous Graphite 5%
477 " 10%
478 " 15
479 Strontium Carb 5%
480 " 10%
481 " 15%
482 Lampblack 5
483 " 10%
484 " 15%

423 – 24 plates 12 Trans
7 OK 2 2nds 1 pickup 1 OK
3 Dissands 2 Vanpeeled 1 OK
free release wires weak
Transfer blanks 4 OK 4 Dissand
Cracked 1 dust on transfer 1 Crack
on surf 1 light pull out + some bubbles –
5 Records – 1 Runt out, chips in music
2 Very faint 3 Rune out
2 OK

---

454 – 10 Transfer made
4 OK 2 2nds 4 Dissands
3 peeled 1 checked –
Smoky – 2 stuck forced off
dissands
VG

---

424 24 plates 12 Transfers
9 OK 2 2nds 1 spot 1 check
1 Dissand – Vanpeeled off –
Wires fine – good operation
free release A 1
5 Records 4 OK 1 faint Runout
Transfer Impeller
6 OK 3 pull outs 3
Cracked Edge
Transfer plates
24 OK 1 Dissand, raised
5 bubbles –

---

422 – 24 plates 12 Trans
9 OK 3 dissands 1 Vanpick up
1 Van OK 1 peeled off
Wires very well, good sound
free release A 1
4 Records 2 OK 1 Bad run out
1 faint –
Transfer blanks 7 good 2nd 1 pull out
4 dissands OK 2 edge

392 – 24 plates 12 Trans
20 OK 10 Discards –
5 corked at Edgin – pieces peeled off
5 Var stick to plates in small
pieces – surface cracked
NG

391 – 24 plates 12 Trans
40 OK 8 Discards
all stick to plates were
forced off – 4 have small pieces
pulled out 2 Var peeled off
2 debut flow to a good surface
Vacuum becomes sluggish in its
action –
NG

405 – 24 plates 12 Trans
40 OK 8 Discards
1 Var debut flow smooth.
Var pick ups – poor coat
stick slightly to plate

416 – 24 plates 12 Trans
5 OK 1 2nd – 6 [illegible] complete
3 crazy – 2 Var peeled 1 pick up
NG

420 24 plates 12 Trans
6 OK 3 2nds 3 Discards
free side are, surface slightly
smoky
2 OK debut
1 slight Run out
2 Bad Run out
Very pebbly surface

395 = 27 plates 13 Trans 11 OK
1 2nd 1 - Van stuck to plate - a small
spots - good why release free from
plate, an occasional very slight
Crackle sen - looks well -
good appearance -

1 Bad RO
1 R
1 Slight run out surface not v dust
1 " Crackles
1 OK - not good -

400 - plates 24 Trans
12 - 6 OK 2nd cracked +
peeled with pieces of metal
4 Discards Ck 1 peeled
looks good free release - an spots
show up after sanding over
night -
III Run spots -
That's Enough NG

405 - 24 plates 12 Trans
OK 4 Discards 8
debut flow smooth
7 Van pickups - poor coating
stuck slightly to plates
NG
Dust run out. not very great
surface - Bad receipt -

404 - 24 plates 12 Trans
OK 3 - 2nd 3 Discards
6 - NG - debut bad

403 - 24 plates 12 Trans
OK 4 - 2nd 7 - Discards
1 = an spots show up
after sanding set overnight -
looks well free release -
good appearance surface
Debut test - NG -

C1313

420 - Coralene 4% +
421 " 3.5% +
422 Coralene 3% +
423 " 2.5% +
424 " 2% +
425 Hydroquinone 73% sol
426 Acid Picric 50% more than put in
427 Acid Paraoxybenzoic +
428 Anhyd Sanlome Acid 85% sol
429 Copper Chloride + 26% more than put in
430 Quinoline Quinaldine 50% sol +
431 Magnolia Crystals 60% sol
432 Acid Meta Oxybenzoic +
433 Chinon
434 Quinoline 10% + 55% sol
435 " 20% 47% sol +
436 Acid Salicylic +
437 Nankin Yellow 30% sol
438 Rhodamine BX
439 Safranine Base 61% sol
440 Phosphine 25% sol
441 Fuchsine RT 96.5% sol

415 24 plates 12 Trans
OK 12 No discomfort
This Var works fine give good appearing results free release
A1 -
5 Records 1 Bad Run out
2 OK velvet
1 Slight Run out velvet
1 " not velvet
This is the blackest + most shining dye we ever had it looks black glass of Shellac, opaque
is fine

419 - 24 plates 12 Trans
1 Discard - OK + can peel off near hole - Dyes Yellow
Except 3 which Black on one side + yellow on other - free release work 5 Records
3 Slight run out - surface only bad
2 Bad run out
Very shiny Yellow
pleasant
Wear

393- 27 plates 13 Trans 11 OK
2 Discards - These are OK - in every way except each has a piece pulled or chipped off near edge. These Van always up very well, Excellent appearing surfaces black - free from spots or smudge no checks or cracks, more wants long more says thinks will show up favorably
5 tested -

1 OK - Very little cracks on this much better than all others for smooth part cracking often Velvet smooth

1 Very slight run out, smooth very little cr

11 RO - Cracks on smooth

1 OK - Good crackle on smooth

Thus so bad on RO -

387 - 24 plates 12 Trans
10 OK 1 2nd - small crack
1 Discard Very peeled off
Work very well clean, freely a good appearing surface
5 Reserve, 5 Run out

386 29 plates 14 Trans
5 OK - 2 2nds small grain cracks etc
7 Discards - Edge of Cow freely heavy thick - all coming off freely - 2 OK 1 Like RO
1 Run out

399 - 24 plates 17 Trans
9 OK 3 2nds small crack check - not spot
No discards
When good grain surface appearance dont stick or break at Edges
5 Reserve 3 OK
1 Slight run out
1 Run out weak

Pretty good
Very much

380 – 30 plates 15 Transfer
OK 8 2nds 3
Discards 4 – Var lifted
upon Cracked 3 peeled off
at Edge –

5 Records 2 RO –
3 Slight RO

---

383 – ~~Dust~~ none 5 off
24 plates 13 transfer
4 OK 8 Discards
Records and Cases

---

385 27 plates 13 transfer
13 OK – works well plates
hole are free Evidence of
soft spots in warning
disc although good
appearance
5 2 Slight run out
2 OK
1 Run out

---

381 – 30 plates – 15 Transfer
14 OK 1 2nd – small cracks
Works fine – good appearance
A1 –
5 Records 2 OK
1 very slight
1 Trace
Not black 1 Run out not bad

---

382 – 30 plates 15 Transfer
13 OK 2 Discards Vary
Cracked at Edge
works well – all come from
plates fresh no clicking
good appearance

5 Records 5 OK –

Try Chl Tin in Varnish

Hulchol Gall see Jamy
"Insurance Engineering"

354 5% Rose +
355 10% +
356 5% Succine +
357 Phenanthren 5%
358 Beta Naphtol " +
359 Resorcin — [illegible] +
360 Phenacetin " " +
361 Perchlorobenzol 50% sol +
362 Monomethyl para amido [illegible] 75% +
363 Benzonaphtol +
364 Alpha Naphtol +
365 Para tolunitrol perchloride + [illegible]
366 Bromnaphtalene +
367 Para [illegible] +
368 Metatolueylendiamine +
369 Paradichlorobenzol +
370 Parachloroaniline +
371 - Para Phenylendiamine 99% - 10 [illegible] [illegible] first in [illegible]
372 Betanaphthylamine 91% +
373 Meta Phenylendiamine 90% +
374 Mach. 1% 100 +
375 " 2% 100 +
376 " 3 98% +

377 - Mach 5% 97 +
378 " 10 95.8 +
379 Anthracene Pure Nonsolubles +
380 Benzonaphtol 50% sol +
381 Phthalic acid 100% sol +
382 Metanitrid " +
383 Anthracene Pure sol +
384 — No 3144, Mixed [illegible] + followed from 3 [illegible]
385 — Chl Ammonia 38.4% sol +
386 [illegible] 5% sol +
387 Benzoate [illegible] 55% sol +
388 [illegible] all sol
389 Trinitrotoluene 55% "
390 Oleic acid 10% +
391 Lauric acid " +
392 Lead Acetate 75% +
393 Diphenylamine 1% +
394 Chloral Hydrate [illegible]
395 Hexachlorethan +
396 Citric acid 86.65%
397 Naphthalamine 100%
398 Tartaric acid none dis

399 Gum Damar 55% Gelt +
400 " Kauri " +
401 Rosin –
402. Sterm Picks – Gelt Sal +
403 Water 20% +
404 " 50% "
405 " 10 +
406 " 20% +
407 6/4 9/10th of normal amount
408 " 8/10th " +
409 " 7/10 " +
410 " 1/2 "
411 4/10 "
412 3/10 "
413 2/10 "
414 Paraformaldehyde 7.9 gm
415 - Paraethylenediamine Dioxe 2% +
416 Acetate Potassium +
417 Boric acid pure technical +
418 Manganous Chl gat recd. 135 gm
used up of 61 see new section
419 Chloride Magnesium +

Continued Card
CMO.

372 – 28 plates 14 Transfer
9 OK 1 2nd 4 discards
1 Van pulled off 1 Van lifted
1 Good – good surface
Works only fair
5 Records 1 Slight
4 Rim out –

370 – 48 plates 24 transfer
20 OK 1 2nd 3 Discards
2 of which Van pulled off
near edge 1 Van Crked
Works well & gives good surface
5 Records
2 OK B vanishes Rim out
pretty good Van

373 – 25 plates 12 discards
4 OK 1 2nd 7 Discards
Van pulled off near edge
Van lifted off Crkd
poor results surface good
2 Records OK very short surface

369 – 43 plates 21 Inspection
18 OK 3 Doubtfully – 1 cracked
at Edge. 1 had small pieces pushed
from rim 1 Rim stuck to plate
near edge. Wolivery well
Tested 5 3 very slight Run out
1 Run Out 1 OK

365 – 48 plates 24 Inspection
22 OK 1 2nd 1 Doubtful
stuck to plate but only 1 forced
Does seem more to be better
than any other & forced
Very nicely plates had 2 rims
and looked as if they may
show later

5 Records 4 OK
1 Obviously faint Run out
good

378 – Every plate blistered
in oven + Chanpuenon
Top blister Rejects OK
but still there is layer
Condensate on plate
Shows Solvent below
on Condensate –

390 – dont stick to plate
at all – Whole sheet
Comes off in some cases
+ perfect mold. Cases
it Crack, but repellant
to place. There is some
stuff to prevent sticking
to plate a little in
any Varnish probably
stop sticking

Please
comment
[illegible]
on 390 plate

NG

Later, seems to go soft every
Scratch with finger nail
bottom surface immersed bubbles

364 45 plates 22 transfer
20 OK 1 Rev. 1 Discard ?
6 stuck to plate all every
app. except 1 [illegible]
Van Lokes guide [illegible]
good [illegible]

5 Records looked
2 OK
2 Slight Run Out
1 Very slight [illegible]

363 52 plates 26 transfer
17 OK 2 Inks smace spots stuck to
plates 7 Discards stuck to
plates in spots —
14 blank stuck to plates
of colour 7 OK + 7 Discards
10 dropped from plates + 4
turned strongly to get off —
good [illegible]

5 Records looked
4 OK 1 very slight RO at start 1/8

361 – 43 transfer plates
21 transfer 17 OK 1 2nd
Discards 3 –
all have small pebbling can't see them
on transfer 6 good Van to Lay repair
Second Cast
3 slight Run out 5 leaked
2 OK
fair Varnish

359 44 plates 22 transfer
12 OK 10 Discards
2 Slight Run out
1 OK
3 Run out Bad Varnish

362 36 plates 18 transfer
16 OK 1 2nd – slight o plate
1 Discard 3 slight 4 forced
off 1 dis 2 OK – looks well
5 Records
3 strong Run out
1 slight
1 OK –

368 – 48 plates 24 transfer
20 OK – 1 2nd cracked
Discards 3. pulled out varnish place
looks good
5 leaked 1 Slight RO
2 Very slight RO
1 OK
1 Run out.

366 – plates 45 transfer 22
15 OK – 1 2nd 6 Discards –
12 slight to plate 6 forced 2
damaged in varnishing 4 pulled
Van off – Dont look good –
5 leaked 4 slight RO 1 OK

367 45 plates 22 transfer
2 OK – 20 Discards
Varnish pulled up –
Every plate slight had to
forced off –
only 1 got thru 1 OK –

258 Beta Naphthol –
fairly good uniform –
4 Lost – 6 OK – run out fairly
strong – Red Rose to record

251 ~~[illegible]~~
~~which~~ Run outs

259 Run Outs
260 Run outs
348 Run outs

256 – Insecure
3 Run Outs 3 ok –

255 10% Rosso
50 shakes, small bubbles –
2 Lifts up in oven –
48 transfer shakes,
24 transfers
14 OK – 2 2nds wound pans
Comedy – 2 2nd wound pans
Comedy
1 Shrunk, of ale, van peeled off
nearly all, 1 Van peeled off –
1 with small cut 1 Van dent
flow work, 1 Cracked near
edge 5 seconds
3 with slight cuts 1 Crack in
varnish 1 peeled – Cracked
good block – Red Rose bubbles
1 Run out, notes good but no
5% Rosso

356 — 2 had good run outs
4 only a little. 44 made 6 lifts
up in oven
19 disc. made 8 OK fair —
[illegible] 10 Discards —

358 — 6 Records 1st Runs No
Run outs, 2nd Runs all run
out 2 salt 1 bad —
50 T plates small bubbles but fair
8 left up —
Transfer made 20 —
8 OK 2 2nds 11 discards

378 Every [illegible] Phenomenon under
blister is still Consumable
Tropolizate Solvent & quenc
for Consumable

354 Van

Rosalie A. 6/1 No Pentla 33 plates
7 treated no Run outs very smooth
Velvily — [illegible]
[illegible] (10a) [illegible]
[illegible], transferred fine
excellent & uniform 2 small outs
near hole but OK 2 streak to
plate but gone off when warmed
with hand
50 plates, Made 16 Records
33 plates all came from press OK
good uniform, 15 placed up
in oven

No Run outs

345 — 4 all run out

346 — 5 of which
3 Run Out

Indians

Dyer	~~154~~		154
Dobson	400		30
L C McC	75		
L W McC	35		35
Irelon	60		
Stevens	100		
Maxwell	96 15		
Eckert	75		
Webster	190		190
Nelson	40		
Badger	30		
Wrenth	40		
Pelger	100		100
J Pelger	55		
Plimpton	~~115 50~~	192	509 off
Dodd	40		150
Williams	40 ??		35 [illegible]
Holton	96 16		
Hendy	43 50	Pat of [illegible]	
Madison	40	Price Chilling Zundel & Smith	
Badinum	40 38	Pat [illegible]	
Lanahan	45 08	" "	

Lewis 30 Deafness - trouble for equipment

Brown 30 " only 30

Unga 25 Sleeping sickness Evidence in [illegible] the [illegible] Mackeson

Mrs Landlaw 18 [illegible] letter etc

Mrs Walkins 15 Sleeping

" Rose 17 50 "

A J Bennett 15 [illegible]

Legal Dep 1800 year

55 Adopt Boxwood

30 governor -

43

5 3

43

96

372

3 5 2

704

1760 4

1430

476 – graphite streaks
473 yellow varnish
475 yellow varnish
474 " "

40 steam — 100 daily —

58 200, 175

56

103 25

182 150

47 300 / 7 66 — 132 daily 7500

446 50, 60 —

3 3 400

Week 10 min — 244 / 150

1 hour 10 — 48 37

Friday 10 — 60

Sat hour — 10 o'clock

2 hours hour

Saturday

10 months

14

13

42

14

182

52 / 10000 (19

52

48

46

2

2 min —

20

42 / 196 (3.3

126

140

[ITEM(S) FOUND IN BOOK]

5 — 28 [illegible] 14 [illegible]
OK 2 Dec [illegible] 12 —
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible] — 1 Record OK

374 — 24 [illegible] — 12 [illegible]
6 OR 6 [illegible]
4 [illegible]
[illegible]
5 Red 1 OK
2 Non Det
1 [illegible]

[illegible] heat in reducing - p-nitrochlorobenzene with Fe + HCl — which action was distilled with H_2O + distilled with [illegible] —
Dec 3rd Sep 196—

[ITEM(S) FOUND IN BOOK]

37[illegible] = [illegible] —
14 [illegible]
5 OK — 8 2nd
6 [illegible] —
[illegible] — all have [illegible]
pulled off [illegible] 2nd [illegible]
As none of the authors
developed [illegible] plan
[illegible]
Recorded not
[illegible]

375 — 28 [illegible] 14 [illegible]
2 OK
12 Discon[illegible]
10 [illegible] second

Paraldehyde anæsthesia
2nd action — Chloroform distilled with
K legs — till solid. gives off [illegible] 4 yes
Bluecontents run out natural on [illegible]
Bar 4.35 14 weeks — 2nd [illegible]
bleaned by action chloroform on [illegible]
Fields by distillation large [illegible]
Paraldehyde anæsthesia
Ether sulphuric [illegible] on B-naphthol
[illegible] 416-17